PCT REQUEST

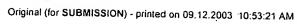
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| 0 | For receiving Office use only | | |
|----------|---|---|--|
| 0-1 | International Application No. | | |
| 0-2 | International Filing Date | | |
| 0-3 | Name of receiving Office and "PCT International Application" | | |
| | | | |
| 0-4 | Form - PCT/RO/101 PCT Request | | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.92 (updated 01.07.2003) | |
| 0-5 | Petition | | |
| ٠ | The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | | |
| .0-6 | Receiving Office (specified by the applicant) | Korean Intellectual Property Office (RO/KR) | |
| 0-7 | Applicant's or agent's file reference | 482 | |
| 1 | Title of invention | SOLID BIO-MATERIAL FOR A SENSOR THAT DETECTS BIO-ELECTRIC SIGNALS THROUGH THE USE OF THE CHARACTERISTICS AND FUNCTIONS OF BIO-EPIDERMAL TISSUES AND EPIDERMAL | |
| | • | TISSUES OF LIVING ORGANISMS AND THE | |
| II . | Applicant | METHODS FOR PRODUCING THE SAME | |
| II-1 | This person is: | applicant and investor | |
| II-2 | Applicant for | applicant and inventor | |
| 11-4 | Name (LAST, First) | all designated States | |
| 11-5 | Address: | LEE, Sang Moon Suite #1101, LG Twintel Bldg., 157-8 | |
| | , | Samsung-Dong, Kangnam-Ku | |
| | | 135-090 Seoul | |
| | | Republic of Korea | |
| II-6 | State of nationality | US | |
| 11-7 | State of residence | KR | |

561 4069



| IV-1 | Agent or common representative; or | , | | | |
|---------|--|--|--|--|--|
| | address for correspondence The person identified below is | | | | |
| | hereby/has been appointed to act on | agent | | | |
| | behalf of the applicant(s) before the | | | | |
| 154.4.4 | competent International Authorities as: | | | | |
| IV-1-1 | Name (LAST, First) | LEE, Sang Jin | | | |
| IV-1-2 | Address: | VISION INTERNATIONAL | | | |
| | | 3rd Floor, Dukwon Building, 637-19 | | | |
| | | Yeoksam-dong, Gangnam-gu | | | |
| | ļ | 135-080 Seoul | | | |
| | | Republic of Korea | | | |
| 1V-1-3 | Telephone No. | 82-2-566-4448 | | | |
| IV-1-4 | Facsimile No. | | | | |
| IV-1-5 | | 82-2-564-0500 | | | |
| | e-mail | vision@vision-patent.com | | | |
| V | Designation of States | | | | |
| V-1 | Regional Patent | AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM | | | |
| | (other kinds of protection or treatment, if any, are specified between | ZW and any other State which is a | | | |
| | parentheses after the designation(s) | Contracting State of the Harare Protocol | | | |
| | concerned) | and of the PCT | | | |
| | | EA: AM AZ BY KG KZ MD RU TJ TM and any | | | |
| | · | other State which is a Contracting State | | | |
| • | | of the Eurasian Patent Convention and of | | | |
| | | the PCT | | | |
| | · | | | | |
| | | EP: AT BE BG CH&LI CY CZ DE DK EE ES FI | | | |
| | | FR GB GR HU IE IT LU MC NL PT RO SE SI | | | |
| | | SK TR and any other State which is a | | | |
| | | Contracting State of the European Patent | | | |
| | ** | Convention and of the PCT | | | |
| | | OA: BF BJ CF CG CI CM GA GN GQ GW ML MR | | | |
| | | NE SN TD TG and any other State which is | | | |
| | | a member State of OAPI and a Contracting | | | |
| | | State of the PCT | | | |
| V-2 | National Patent | AE AG AL AM AT AU AZ BA BB BG BR BY BZ | | | |
| | (other kinds of protection or treatment, if any, are specified between | CA CHELI CN CO CR CU CZ DE DK DM DZ EC | | | |
| , | parentheses after the designation(s) | EE EG ES FI GB GD GE GH GM HR HU ID IL | | | |
| , | concerned) | IN IS JP KE KG KP KZ LC LK LR LS LT LU | | | |
| | | | | | |
| | | LV MA MD MG MK MN MW MX MZ NI NO NZ OM | | | |
| | | PG PH PL PT RO RU SC SD SE SG SK SL SY | | | |
| | | TJ TM TN TR TT TZ UA UG US UZ VC VN YU | | | |
| | | ZA ZM ZW | | | |



| V-5 | Precautionary Designation Statemen | | | |
|--------|--|--|--|--|
| | | | | |
| | In addition to the designations made under items V-1, V-2 and V-3, the | · | | |
| | applicant also makes under Rule 4.9(b) | | | |
| | all designations which would be | | | |
| | permitted under the PCT except any | | | |
| | designation(s) of the State(s) indicated | | | |
| | under item V-6 below. The applicant | | | |
| | declares that those additional | | | |
| | designations are subject to confirmation and that any designation which is not | | | |
| | confirmed before the expiration of 15 | | | |
| | months from the priority date is to be | · . | | |
| | regarded as withdrawn by the applicant | | | |
| | at the expiration of that time limit. | | | |
| V-6 | Exclusion(s) from precautionary | NONE | | |
| | designations | | | |
| VI-1 | Priority claim of earlier national | | | |
| VI-1-1 | application . | | | |
| | Filing date | 12 December 2002 (12.12.2002) | | |
| VI-1-2 | Number | 10-2002-0079394 | | |
| VI-1-3 | Country | KR | | |
| VI-2 | Priority document request | A.K. | | |
| | • | | | |
| | The receiving Office is requested to prepare and transmit to the | VI-1 | | |
| | International Bureau a certified copy of | | | |
| | the earlier application(s) identified | | | |
| | above as item(s): | · | | |
| VII-1 | International Searching Authority | Korean Intellectual Property Office | | |
| | Chosen | | | |
| VIII | 5.1 | (KIPO) (ISA/KR) | | |
| VIII-1 | Declarations | Number of declarations | | |
| VIII-1 | Declaration as to the identity of the inventor | | | |
| VIII-2 | Declaration as to the applicant's | | | |
| | entitlement, as at the international filing | | | |
| | date, to apply for and be granted a | | | |
| | patent | | | |
| VIII-3 | Declaration as to the applicant's | | | |
| | entitlement, as at the international filing date, to claim the priority of the earlier | | | |
| | application | | | |
| VIII-4 | Declaration of inventorship (only for the | _ | | |
| | purposes of the designation of the | | | |
| | United States of America) | | | |
| VIII-5 | Declaration as to non-prejudicial | _ | | |
| | disclosures or exceptions to lack of | | | |
| IX | novelty Check list | | | |
| IX-1 | Request (including declaration sheets) | number of sheets electronic file(s) attached | | |
| IX-2 | Description | 4 - | | |
| | | 31 – | | |
| IX-3 | Claims | 2 | | |
| ìX-4 | Abstract | 1 EZABSTOO.TXT | | |
| IX-5 | Drawings | 0 - | | |
| X-7 | TOTAL | 38 | | |
| | | | | |



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| | Accompanying items | paper document(s) attache | ed electronic file(s) attached |
|-----|--|---|--------------------------------|
| 8-8 | Fee calculation sheet | 🗸 | |
| 9 | Original separate power of attorney | ✓ | _ |
| 17 | PCT-EASY diskette | - | Diskette |
| 19 | Figure of the drawings which should accompany the abstract | | |
| 20 | Language of filing of the international application | Korean | |
| | Signature of applicant, agent or common representative | AND | and and |
| -1 | Name (LAST, First) | LEE, Sang Jin | A December 1 |

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| 10-1 | Date of actual receipt of the purported international application | |
|--------|---|--------|
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/KR |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

FOR INTERNATIONAL BUREAU USE ONLY

| 11-1 Date of receipt of the record copy by | |
|--|--|
| the International Bureau | |



PCT (ANNEX - FEE CALCULATION SHEET)
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1/2

(This sheet is not part of and does not count as a sheet of the international application)

| 0 | For receiving Office use only | T | et of the international applica | |
|--------|---|-----------------------|---------------------------------|----------|
| 0-1 | International Application No. | Ĭ | | , |
| 0-2 | <u>'</u> | | | • |
| 0-2 | Date stamp of the receiving Office | | | 1 |
| | | | | |
| 0-4 | Form - PCT/RO/101 (Annex) | | | |
| 0-4-1 | PCT Fee Calculation Sheet Prepared using | | | |
| | Tropared damig | PCT-EASY Vers | | |
| 0-9 | Applicant's or agent's file reference | (updated 01.0 | 7.2003) | |
| 2 | Applicant S or agent S me reference | 482 | | |
| 12 | | LEE, Sang Moo | n | |
| 12-1 | Calculation of prescribed fees . Transmittal fee | fee amount/multiplier | Total amounts (KRW). | <u> </u> |
| 12-2-1 | | \Rightarrow | 45,000 | |
| 12-2-2 | 9 | ₽ | 150,000 | |
| 12-3 | International search to be carried out by | KR | | |
| 12-3 | International fee | | | |
| | Basic fee | | | |
| | (first 30 sheets) b1 | 530,000 | | |
| 12-4 | Remaining sheets | 8 | | |
| 12-5 | Additional amount (X) | 12,000 | | • |
| 12-6 | Total additional amount b2 | 96,000 | | |
| 12-7 | b1 + b2 = B | 626,000 | | |
| 12-8 | Designation fees | 020,000 | | |
| | Number of designations contained in international application | 97 | | · · |
| 12-9 | Number of designation fees | 5 | | |
| 12-10 | payable (maximum 5) Amount of designation fee (X) | | | |
| 12-11 | | 114,000 | | |
| 12-12 | Total designation fees D | 570,000 | | |
| | PCT-EASY fee reduction R | -163,000 | | • |
| 12-13 | Total International fee (B+D-R) | ⇔ | 1,033,000 | |
| 12-14 | Fee for priority document | | | <u> </u> |
| 40.45 | Number of priority documents requested | 1 | • | |
| 12-15 | | 0 | | · |
| | Total priority document fee P | ₽ | 0 | |
| 2-17 | TOTAL FEES PAYABLE (T+S+I+P) | ₽ . | 1,228,000 | |
| 2-19 | Mode of payment | | , = , } | |

VALIDATION LOG AND REMARKS